

MRP Attachment B

California Regional Water Quality Control Board - Lahontan Region
South Shore Project Waste Discharge Requirements

Implementation Monitoring Checklist

This Checklist is to be modified to appropriately fit the proposed actions within the Annual Operating Plans or unit-specific workplans, per WDR Section E.1

Project Name: South Shore Fuel Reduction and Healthy Forest Restoration Project

Stand/Unit No(s):

Date:

Observers:

N/A	Yes	No	Design Features and BMPs:	¹ Reference	² Project Stage	Describe conditions if relevant, and where deficiencies occur. If answer to question is "No," describe proposed corrective actions and provide date completed. Attach additional sheets as necessary.	Date Complete
			Is an emergency spill kit onsite? Did fuel storage and refueling occur according to design features? If (any size) spills of hazardous materials occurred, were they adequately cleaned up and properly disposed of?	BMP#1, 2, 49, 50	I		
			Did concrete storage, mixing, and clean-up occur according to design features?	BMP #2	P - I		
			Are soil moisture conditions sufficiently dry to initiate proposed operations? For Over-snow operations, were snow depth and temperatures as required prior to equipment operations?	BMP#, 6, 12, 39, 22b-c, & 24	I		
			Was mechanical equipment excluded from use on slopes >30%, sensitive soils, special aquatic features, and/or SEZs (CTL allowed)? Was CTL equipment excluded from within 25 feet of restricted waterbodies?	BMP# 7, 8, 9, 13, 14, & 15	I		
			Are all special aquatic features such as springs, seeps, vernal pools, marshes, and fens adequately flagged and ground based equipment excluded from these areas?	BMP#15 & 16	P - I		
			In whole tree treatment stands, are SEZ boundaries and stream channel buffers adequately flagged and ground based equipment excluded from these areas?	BMP #15, 16, & 21	P-I		

Note 1: BMP = Best Management Practice

Note 2: P = Planning; I = Implementation; A = After Completion

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			Are all skid trails adequately stabilized to prevent sediment delivery to a surface water?	BMP#11, 37, & 38	I-C		
			Are all road segments adequately stabilized to prevent sediment delivery to a surface water?	BMP #37d & 55	I-C		
			Where end-lining occurred on slopes greater than 10%, did end-lining occur on contour? Were end-lining caused ruts adequately stabilized to prevent potential sediment delivery?	BMP#10 & 21b-c	I-C		
			Were existing downed trees and LWD left in place in all perennial and intermittent channels?	BMP#17	I-C		
			Were underburning prescriptions designed and implemented to avoid adverse effects on soil & water resources, including during prescribed fire use and associated activities, such as obtaining water from a natural source?	BMP#25	P-I		
			Were trees removed within 5 feet of perennial and intermittent channels adequately marked as per design features prior to removal?	BMP#18	P-I		
			Were trees directionally felled away from ALL waterbodies?	BMP#20	I-C		

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			Are burn piles located at least 50 feet from any perennial or intermittent stream channel, lakes, bogs and fens, and 10 feet from any ephemeral channel?	BMP#26	I		
			Were ALL the piling and burning prescriptions in the burn pile design features adhered to?	BMP#25 through 31	P-I-C		
			Were all new roads and existing temporary roads properly constructed/reconstructed and maintained to protect soil and water resources, and as required in the design features?	BMP#32 through 37	P-I-C		
			Are all fill slopes adequately armored or stabilized?	BMP #21b, 33, 55	I-C		
			Is road runoff disconnected before it reaches the watercourse crossing?	BMP #33, 35, 37d, & 55	I-C		

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			Were all new roads and existing temporary roads decommissioned after use by providing ground cover such as slash, wood chip, or masticated material (to a 2-inch depth) and installing water bars? Was ripping employed where required and necessary? Were existing temporary roads properly returned to original use as prescribed in the design features? Were drainage features and water bars, dips, and leadoff ditches properly restored and re-established as required by design features to protect water resources? Were barriers properly and effectively placed to discourage post-treatment use in decommissioned and restored areas?	BMP#21b, 37d through 41	I-C		
			Were all ephemeral stream crossings limited to less than 1 crossing every 800 feet of channel length? Was the location and method of stream crossings agreed to by the SA prior to construction?	BMP#24 & 53	P-I		
			Were temporary crossings on ephemeral channels installed when the channels are dry and according to the methods described in the BMPs? Have they been removed when the channels are dry and is the channel stable?	BMP#54 through 55	I-C		

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Observers:

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			Were temporary crossings on intermittent channels installed and removed when channel was dry and installed and maintained to protect water quality and to allow water flow without scouring watercourse banks?	BMP#54 & 55	I-C		
			Was the permanent Saxon Creek Tributary crossing reconstructed to protect water quality and soil resources, and according to design features and construction plans?	BMP# 57	I-C		
			Was the new Powerline Road culvert constructed according to design features and construction plans, to protect soil and water resources?	BMP#56	I-C		
			Was the 'Osgood Swamp' crossing improvement over Forest Service system road 12N20 constructed according to design features and approved construction plans to protect soil, riparian, and water resources?	BMP#58	P-I-C		
			Have all watercourse crossings and associated fills and approaches been stabilized to prevent diversion of stream overflow down the road and to minimize fill erosion and delivery to a waterbody if the drainage structure became plugged?	BMP #37c, & 56 through 58	I-C		

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			Were roads adequately watered, using prescriptions in the design features and Riparian Conservation Objectives to protect soil, riparian, and water resources? If dust palliatives were used, were proper MSDSs available onsite, and was use restricted an adequate distance from waterbodies to prevent discharge to water?	BMP#34	I-C		
			Were all landings constructed, used, and decommissioned according to design features? Are all landings adequately stabilized to prevent sediment delivery to a surface water?	BMP#48 through 52	I-C		
			When working outside the normal operating period, were upland treatment conditions adequate to prevent erosion, sediment delivery to water bodies, and soil compaction according to the design features?	BMP#22 through 24	I-C		
			When working outside normal operating period, were road design features adhered to in order to prevent damage to road surfaces or soil and water resources?	BMP#42 through 47	I-C		
			Have all over-snow skid trail watercourse crossings been removed such that the natural flow of water within the watercourse channel will not be obstructed or diverted?	BMP #24	C		
			Are all watercourse crossings (including culverts) clear of debris, or packed snow, or ice?	BMP#24, 27c, 38, 46, & 54b,g	I-C		

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Restoration Project

Stand/Unit No(s):

Date:

Observers:

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			Does all snow movement, plowing, packing, and/or cutting associated with timber harvest and vegetation management activities allow for adequate road drainage and dissipation of snowmelt or runoff?	BMP#44 through 47	I-C		
			Have any signs of sediment delivery or potential sediment delivery to surface water been observed within the activity area?	BMP #5	I-C		
			If required, was photo-point monitoring conducted and documented?	MRP	P-I-C		

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